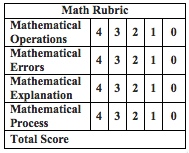
**I.S. 281 Joseph B. Cavallaro**

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Brooklyn, N.Y. 11214

**Ms. M. Bender, Principal**

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Teacher \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Task: Arc 2: Bucket

Version B

***6.RP.2***

***Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities***

***6.RP.3b***

***Solve unit rate problems including those involving unit pricing and constant speed.***

***6.RP.3c***

***Find a percent of a quantity as a rate per 100.***



**Directions: Answer each question. Be sure to show your work and explain the process you used to find your answer.**

1. A large bucket is used to collect water. Suppose that 4 ounces of water drips into the bucket every 2 minutes. How full will the bucket be at 4 minutes?

1. Part A: At this rate, how many ounces drip into the bucket in one minute?

Part B: What term is used to describe this type of rate?

1. This bucket holds one gallon of water. If one quart of water drips into the bucket, what percent of the bucket would be full?